Conference on

Biology of α_2-Macroglobulin, its Receptor and Related Proteins

October 11 to 14, 1993

Marine Biological Laboratory
Woods Hole, Massachusetts

Sponsored by
The New York Academy of Sciences
2 East 63rd Street New York, NY 10021
Tel: 212/838-0230 Fax: 212/838-5640

Conference Chairs

Richard D. Feinman, Ph.D.
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SUNY Health Science Center at Brooklyn
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Brooklyn, NY 11203

Wolfgang Borth, M.D.
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Steven L. Gonias, M.D., Ph.D.
Departments of Pathology & Biochemistry
University of Virginia
Health Sciences Center
Charlottesville, VA

James P. Quigley, Ph.D.
Department of Pathology
SUNY Health Sciences Center
Stony Brook, NY

Dudley K. Strickland, Ph.D.
Department of Biochemistry
American Red Cross
Rockville, MD

Theme

The biological importance of α_2-macroglobulin (α_2M) and the α_2-macroglobulin receptor/low density lipoprotein receptor-related protein (LRP) is the major theme of the meeting. The conference will discuss the mechanism of the α_2M-proteinase reaction and the function of α_2M as a carrier of growth factors, cytokines and toxins. A significant emphasis will be on the structure and function of LRP. Homologous proteins such as glycoprotein 330 and the diverse continuum of LRP-binding interactions will be discussed. Finally, a considerable emphasis will be placed on understanding how α_2M and LRP function under physiologic conditions and in various pathologic states including cancer and atherogenesis. The goal is to provide a broad perspective that will point the way to an integrated picture of the different aspects of α_2M and LRP function.

Topics

- α_2M receptor/LDL receptor-related protein
- glycoprotein 330 and receptor associated protein
- α_2M physiology and pathology
- α_2M structure and proteinase activation
- α_2M-cytokine interactions

Please complete and return this portion to obtain a program and registration form (available June 1993).

Conference Department
The New York Academy of Sciences
2 East 63rd Street
New York, NY 10021 U.S.A.

Telephone (212) 838-0230
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Name _____

Mailing Address _____

_____

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Are you a member of the Academy? No ☐ Yes ☐ Membership # _____

Biology of α_2-Macroglobulin, its Receptor and Related Proteins BAMF

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INVITED SPEAKERS

W. S. Argraves
U. Beisiegel
N. Boisset
J. Bonner
R. Colman
E. Delain
M. Farquhar
J-J. Feige
D. FitzGerald
P. Gettins
J. Gliemann
P. Heinrich
J. Herz
A. Ikai
R. Mahley
T. McCaffrey
S. Moestrup
J. Nimpf
S. Pizzo
W. Schneider
A. Schwartz
L. Sottrup-Jensen
J. Stoops
A. Vaheri
F. van Leuven

There will be contributed poster sessions in conjunction with this conference and these will form an integral part of the program. The deadline for submission of poster abstracts is July 1, 1993. The entire abstract, including title, author(s), and affiliations, must be typed single-space and contained within a rectangle that measures 5" x 4 3/8" (w x l). (Abstract form is not necessary.) A separate cover letter should accompany the abstract, indicating the conference name and the complete mailing address, telephone and fax numbers of the presenting author. Please send original abstracts to **Dr. Feinman** at the address shown and to **Geraldine Busacco** at the New York Academy of Sciences.

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